

Source of Uncertainty	Uncertainty (%)
jet energy scale	1.5
b jet energy scale	1.0
MC η^{jet} dependence	3.8
MC E_T^{jet} dependence	10
b tagging efficiency	4.1
single/double b/c quark in jet	4.6
track reconstruction efficiency	7.7
b hadron multiplicity	0.8
fake lepton background	2.4
other backgrounds	0.4
Z selection efficiency	1.8
luminosity	5.8
total	16

Table 1: The systematic uncertainties on the cross section $\sigma(Z + b \text{ jets}) \times \mathcal{B}(Z \rightarrow \ell^+ \ell^-)$. The total systematic uncertainty on the measurement is estimated by adding the individual uncertainties in quadrature.